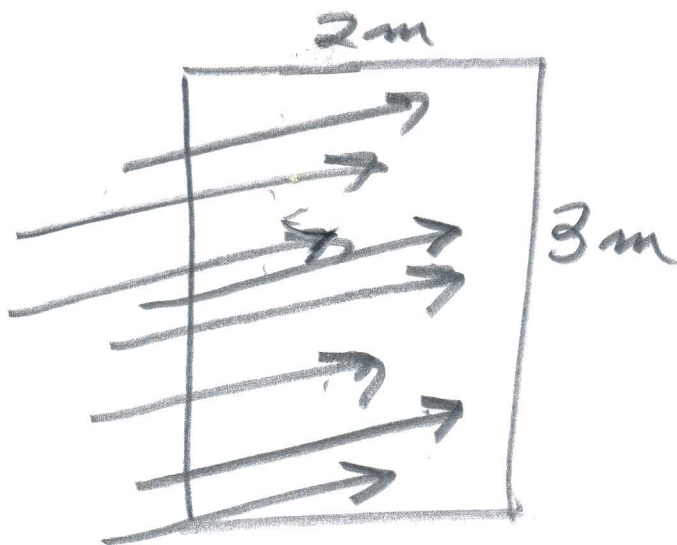
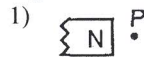


# FLUX

1. A volt is to electric potential as a Tesla is to
  - 1) electrical energy
  - 2) electric field intensity
  - 3) magnetic flux density
  - 4) charge density
2. Magnetic flux density may be measured in
  - 1)  $\text{N/m}^2$
  - 2)  $\text{Wb/m}^2$
  - 3)  $\text{C/m}^2$
  - 4)  $\text{J/m}^2$
3. As the distance between two opposite magnetic poles increases, the flux density midway between them
  - 1) decreases
  - 2) increases
  - 3) remains the same

4. In which diagram below is the magnetic flux density at point P greatest?



#5: What is the magnetic Flux through the area shown? \_\_\_\_\_

#6: What is the magnetic flux density? \_\_\_\_\_

#7: What is the magnetic field strength? \_\_\_\_\_